REPORT

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

Direct Dial: (703) 827-5260

STATISTICAL

No. 67-92 August 5, 1992

U.S. FOREIGN TRADE IN MANUFACTURING TECHNOLOGY – MAY 1992

(values in millions of U.S. dollars)

	May 1992	Apr. 1992	Average Feb.-Apr.	YTD Total'92	YTD Total'91	% Change 1991-1992
METAL CUTTING MACHINE TOOLS						
Exports	$ 51.5	$ 45.1	$ 43.6	$231.4	$254.8	(9.2%)
Imports	$113.7	$135.2	$116.9	$599.4	$715.0	(16.2%)
Balance	($ 62.2)	($ 90.1)	($ 73.3)	($368.0)	($460.2)	(20.0%)
METAL FORMING MACHINE TOOLS						
Exports	$ 39.9	$ 41.0	$ 41.4	$200.2	$191.3	4.7%
Imports	$ 48.8	$ 47.3	$ 39.0	$215.2	$259.5	(17.1%)
Balance	($ 8.9)	($ 6.3)	$ 2.4	($ 15.0)	($ 68.2)	(78.0%)
MACHINE TOOL TOTAL						
Exports	$ 91.4	$ 86.1	$ 85.1	$431.6	$446.1	(3.3%)
Imports	$162.5	$182.5	$155.9	$814.6	$974.5	(16.4%)
Balance	($ 71.1)	($ 96.4)	($ 70.8)	($383.0)	($528.4)	(27.5%)
NUMERICALLY CONTROLLED MACHINE TOOLS						
Exports	$ 26.7	$ 23.2	$ 23.4	$124.0	$148.7	(16.6%)
Imports	$ 70.9	$101.0	$ 85.7	$417.6	$510.8	(18.2%)
Balance	($ 44.2)	($ 77.8)	($ 62.3)	($293.6)	($362.1)	(18.9%)
OTHER MANUFACTURING TECHNOLOGY						
Exports	$163.6	$147.7	$149.3	$756.7	$693.9	9.1%
Imports	$162.8	$168.8)	$157.1	$781.9	$869.5	(10.1%)
Balance	$ 0.8	($ 21.1)	($ 7.8)	($ 25.2)	($175.6)	(85.6%)

Note: Numerically controlled machine tools is a subgroup of the machine tool total. ( ) denotes negative. NM = not meaningful. Individual items may not add up to totals due to rounding.

• U.S. machine tool exports in May totalled $91.4 million, up from $86.1 million in April. Year-to-date exports are down 3.3% from last year at $431.6 million.

• U.S. machine tool imports fell to $162.5 million in May from $182.5 million in April. Year-to-date imports are down 16% from last year.

• The top U.S. export market in 1992 through May is Canada at $72.9 million, up 30% over last year at this time, followed by Mexico at $65.0 million, up 50%. The top source of imports is Japan at $393.2 million, down 10% from last year, followed by Germany ($156.7 million, down 28%).

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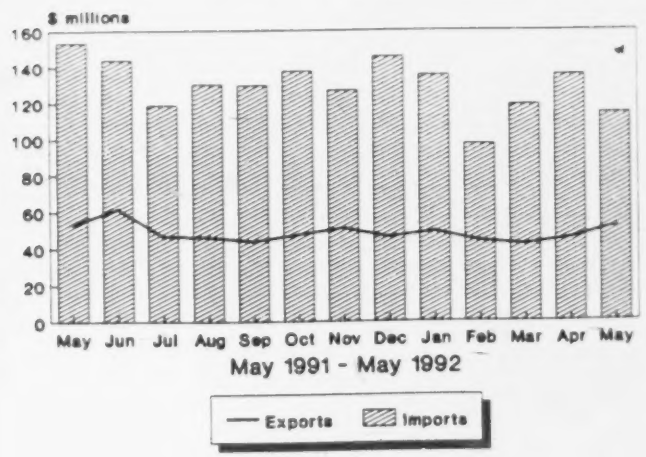
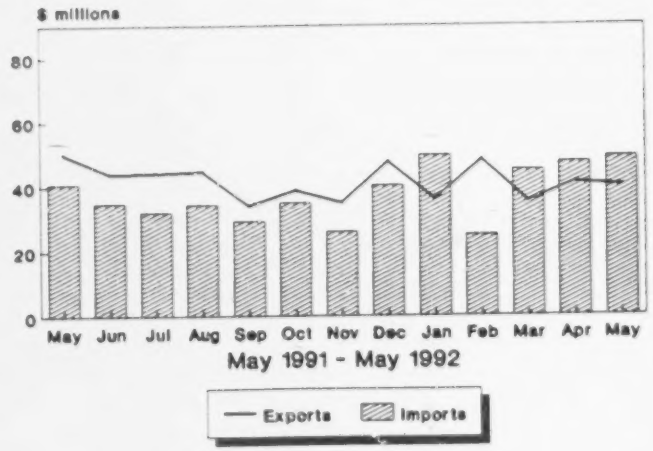
U.S. MONTHLY TRADE IN MACHINE TOOLS

METAL CUTTING



METAL FORMING



METAL CUTTING MACHINE TOOLS

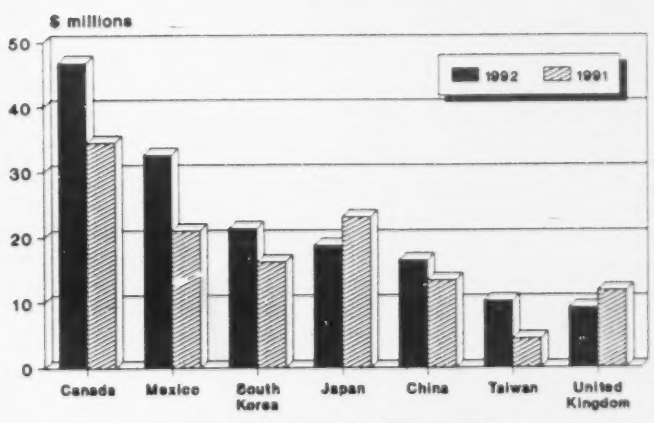
Exports

• Metal cutting exports in May rose to $51.5 million, 18% higher than the average for the previous three months. Year-to-date metal cutting exports are down 9% from last year.

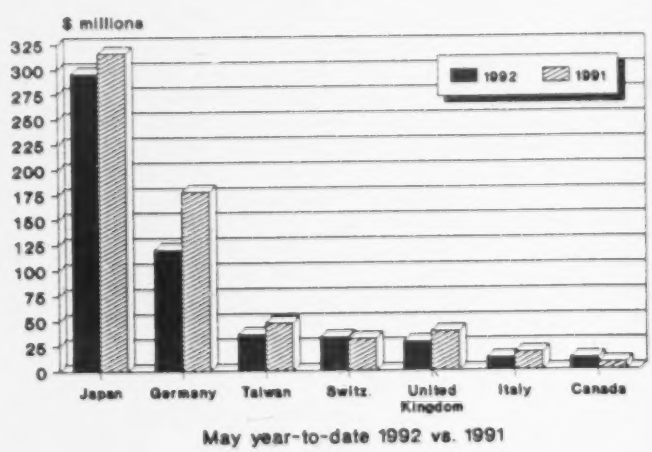
• Year-to-date exports to the top three markets -- Canada, Mexico and South Korea -- are all up more than 30% over last year. Year-to-date exports to Japan are down 19% to $18.7 million, while exports to Germany are down 74% to $8.7 million.

• Year-to-date exports of machining centers are down 27% in value terms from last year; exports of grinding machines are down 13%.

LEADING U.S. EXPORT MARKETS
METAL CUTTING MACHINES



LEADING U.S. IMPORT SOURCES
METAL CUTTING MACHINES



Imports

•Metal cutting imports fell from $135.2 million in April to $113.7 million in May. The February to April average is $116.9 million. Year-to-date imports of metal cutting machines are $599.4 million, down 16% from last year.

• So far in 1992 Japan accounts for 49% of all U.S. metal cutting machine tool imports, up from 44% last year at this time. Germany accounts for 20% this year, down from 25% last year at this time.

• Imports of machining centers in 1992 through May are up 14% in value terms over last year; imports of NC horizontal lathes are down 13%. Imports of non-NC lathes are down 36% from last year.

METAL FORMING MACHINE TOOLS

Exports

• Exports of metal forming machines fell slightly in May to $39.9 million; the yearly average is $40.0 million. Year-to-date exports of $200.2 millon are up 5% over last year.

• Combined, Canada and Mexico account for 29% of all metal forming exports in 1992 through May, up from 23% at the same time in 1991. So far this year, metal forming exports to Mexico are up 44%; exports to Canada are up 20%.

• Exports of presses so far in 1992 are up 28% in value terms but down 20% in unit terms; exports of punching or shearing machines are up 5% in both value and unit terms versus the comparable period in 1991.

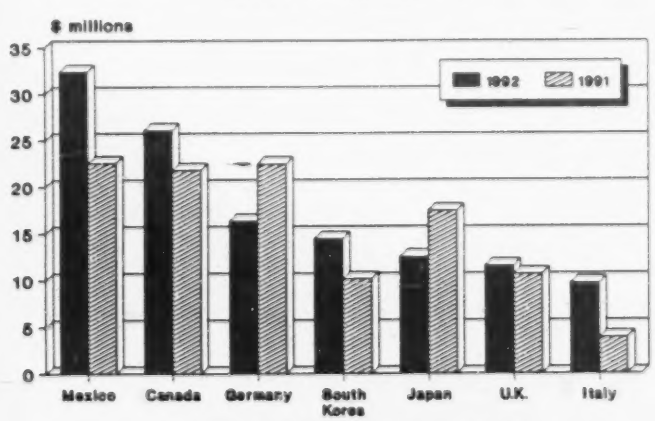
Imports

• Imports of metal forming machines rose to $48.8 million in May, up from $47.3 million in April. Year-to-date imports are down 17% from last year at $215.2 million.

• Year-to-date metal forming imports from Japan are down 19% from last year to $97.7 million. So far in 1992, Japan accounts for 45% of total imports -- down from 47% last year.

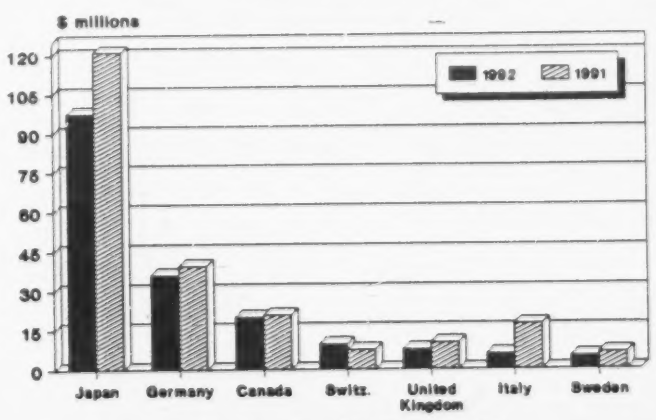
• Imports of presses through May are up 74% in unit terms but down 53% in value terms. Imports of punching or shearing machines are up 19% in unit terms and up 68% in value terms compared with last year at this time.

LEADING U.S. EXPORT MARKETS
METAL FORMING MACHINES



May year-to-date 1992 vs. 1991

LEADING U.S. IMPORT SOURCES
METAL FORMING MACHINES



May year-to-date 1992 vs. 1991

OTHER MANUFACTURING TECHNOLOGY

Exports

• Year-to-date exports of machine tool parts and accessories are $313.5 million, up from $276.0 million last year. Exports of numerical controls for controlling machine tools are $10.8 million so far in 1992, up from $9.6 million last year.

• Exports of industrial robots for lifting, loading or unloading are $6.0 million so far in 1992, up from $1.6 million in 1991 at this time. Exports of other industrial robots are $26.7 million this year, up from $26.3 million last year at this time.

Imports

• Imports of numerical controls for controlling machine tools are $12.1 million in 1992 through May, down from $14.5 million at the same time in 1991. Imports of machine tool parts and accessories are $224.2 million, down from $233.4 million last year.

• Imports of blow molding machines are $27.1 million in 1992 through May, compared with $24.1 million last year at this time. Imports of injection molding machines are $161.7 million, up from $139.6 million last year.

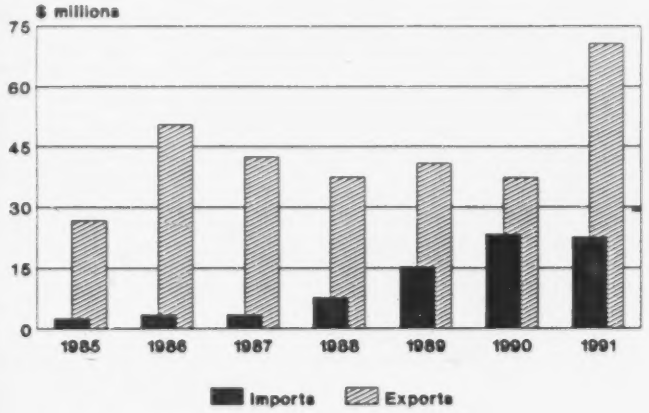
MONTHLY FOCUS

In recent years, China has become a major U.S. machine tool export market: in 1991, U.S. exports to China were $70.7 million (sixth highest of any country); exports in 1992 through May are $24.1 million.

China has also become a significant source of U.S. machine tool imports. Imports from China were relatively low until the late 1980s: imports from China rose from just $3.4 million in 1987 to $23.3 million in 1990 and $22.5 million in 1991, and are on pace to reach $20 million in 1992.

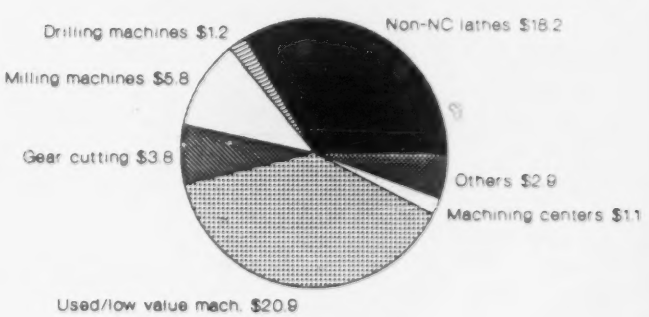
The chart on the left below shows U.S. machine tool exports to and imports from China in recent years. The chart on the right breaks down U.S. imports from China since 1990 by type of machine. Metal cutting machines, and especially very low value machines and non-NC lathes, make up most of U.S. machine tool imports from China.

U.S. Machine Tool Trade With China
1985-1991



Source: U.S. Bureau of the Census

U.S. Machine Tool Imports From China
January 1990-May 1992
(millions of dollars)



Source: U.S. Bureau of the Census

1992 EXPORTS

METAL CUTTING

COUNTRY	MAY'92	APR'92	% CHANGE	MAY'92 YTD	MAY'91 YTD	% CHANGE
Canada	$11,997,196	$11,976,911	0.2%	$46,861,842	$34,505,029	35.8%
Mexico	11,747,847	5,730,529	105.0%	32,585,378	20,938,279	55.6%
South Korea	3,337,245	4,140,113	-19.4%	21,321,676	16,187,084	31.7%
Japan	3,280,247	1,746,002	87.9%	18,731,993	23,082,953	-18.8%
China	1,022,871	3,544,037	-71.1%	16,451,610	13,403,995	22.7%
Taiwan	2,010,056	1,942,127	3.5%	10,189,157	4,442,812	129.3%
United Kingdom	2,025,861	2,598,053	-22.0%	9,156,332	11,768,003	-22.2%
Germany	1,920,639	2,426,100	-20.8%	8,749,077	33,090,639	-73.6%
Italy	3,767,427	277,648	1256.9%	7,766,284	6,504,754	19.4%
Indonesia	648,562	157,918	310.7%	5,387,958	1,294,474	316.2%
Singapore	1,766,431	712,008	148.1%	5,121,642	2,869,274	78.5%
Brazil	151,001	368,771	-59.1%	4,276,165	4,701,124	-9.0%
India	184,960	1,063,581	-82.6%	3,978,065	5,700,612	-30.2%
France	1,048,839	557,133	88.3%	3,508,928	9,707,346	-63.9%
Switzerland	70,474	76,912	-8.4%	2,998,244	2,595,202	15.5%
Netherlands	857,867	705,491	21.6%	2,969,683	3,014,106	-1.5%
Venezuela	578,913	388,838	48.9%	2,774,013	5,361,519	-48.3%
Australia	252,782	259,026	-2.4%	1,777,190	2,023,899	-12.2%
Spain	1,151,406	318,327	261.7%	1,600,229	989,245	61.8%
Austria	130,000	768,847	-83.1%	1,404,259	493,514	184.5%
Thailand	159,279	285,170	-44.1%	1,401,716	1,582,976	-11.5%
Belgium	113,479	476,902	-76.2%	898,155	5,573,171	-83.9%
Malaysia	20,052	21,686	-7.5%	474,208	1,325,781	-64.2%
USSR	0	0	NA	0	15,196,490	-100.0%

METAL FORMING

COUNTRY	MAY'92	APR'92	% CHANGE	MAY'92 YTD	MAY'91 YTD	% CHANGE
Mexico	$5,500,607	$5,205,283	5.7%	$32,382,976	$22,497,730	43.9%
Canada	3,689,562	5,944,693	-37.9%	26,065,167	21,747,722	19.9%
Germany	2,542,395	4,762,148	-46.6%	16,311,692	22,422,571	-27.3%
South Korea	2,914,676	2,042,752	42.7%	14,450,799	10,113,066	42.9%
Japan	2,107,682	2,383,709	-11.6%	12,493,093	17,398,578	-28.2%
United Kingdom	4,246,303	561,572	656.1%	11,492,379	10,641,734	8.0%
Italy	4,992,087	3,453,261	44.6%	9,707,040	3,872,035	150.7%
France	749,904	1,459,624	-48.6%	7,860,360	10,216,002	-23.1%
China	3,524,738	2,822,059	24.9%	7,599,182	15,996,099	-52.5%
Belgium	100,859	478,378	-78.9%	7,397,515	793,494	832.3%
Taiwan	1,330,622	1,535,942	-13.4%	6,783,073	4,148,019	63.5%
Singapore	1,082,124	2,379,870	-54.5%	5,076,107	2,997,507	69.3%
Thailand	340,864	1,342,969	-74.6%	4,666,256	2,266,967	105.8%
Brazil	1,252,603	853,557	46.8%	4,168,596	2,751,463	51.5%
Venezuela	443,788	839,255	-47.1%	2,346,732	817,329	187.1%
Netherlands	694,022	584,103	18.8%	1,949,851	5,835,527	-66.6%
Switzerland	94,217	61,730	52.6%	1,547,854	1,187,315	30.4%
Spain	226,665	332,644	-31.9%	1,057,606	738,502	43.2%
Malaysia	77,551	129,175	-40.0%	1,014,472	810,141	25.2%
Austria	165,778	290,982	-43.0%	975,387	187,657	419.8%
Australia	265,142	126,921	108.9%	918,939	1,373,650	-33.1%
Indonesia	210,553	0	NA	800,583	3,329,686	-76.0%
India	45,265	177,341	-74.5%	594,900	677,633	-12.2%
USSR	121,799	0	NA	243,542	0	NA

MACHINE TOOL TOTAL

COUNTRY	MAY'92	APR'92	% CHANGE	MAY'92 YTD	MAY'91 YTD	% CHANGE
Canada	$15,686,758	$17,921,604	-12.5%	$72,927,009	$56,252,751	29.6%
Mexico	17,248,454	10,935,812	57.7%	64,968,354	43,436,009	49.6%
South Korea	6,251,921	6,182,865	1.1%	35,772,475	26,300,150	36.0%
Japan	5,387,929	4,129,711	30.5%	31,225,086	40,481,531	-22.9%
Germany	4,463,034	7,188,248	-37.9%	25,060,769	55,513,210	-54.9%
China	4,547,609	6,366,096	-28.6%	24,050,792	29,400,094	-18.2%
United Kingdom	6,272,164	3,159,625	98.5%	20,648,711	22,409,737	-7.9%
Italy	8,759,514	3,730,909	134.8%	17,473,324	10,376,789	68.4%
Taiwan	3,340,678	3,478,069	-4.0%	16,972,230	8,590,831	97.6%
France	1,798,743	2,016,757	-10.8%	11,369,288	19,923,348	-42.9%
Singapore	2,848,555	3,091,878	-7.9%	10,197,749	5,866,781	73.8%
Brazil	1,403,604	1,222,328	14.8%	8,444,761	7,452,587	13.3%
Belgium	214,338	955,280	-77.6%	8,295,670	6,366,665	30.3%
Indonesia	859,115	157,918	444.0%	6,188,541	4,624,160	33.8%
Thailand	500,143	1,628,139	-69.3%	6,067,972	3,849,943	57.6%
Venezuela	1,022,701	1,228,093	-16.7%	5,120,745	6,178,848	-17.1%
Netherlands	1,551,889	1,289,594	20.3%	4,919,534	8,849,633	-44.4%
India	230,225	1,240,922	-81.4%	4,572,965	6,378,245	-28.3%
Switzerland	164,691	138,642	18.8%	4,546,098	3,782,517	20.2%
Australia	517,924	385,947	34.2%	2,696,129	3,397,549	-20.6%
Spain	1,378,071	650,971	111.7%	2,657,835	1,727,747	53.8%
Austria	295,778	1,059,829	-72.1%	2,379,646	681,171	249.3%
Malaysia	97,603	150,861	-35.3%	1,488,680	2,135,922	-30.3%
USSR	121,799	0	NA	243,542	15,196,490	-98.4%

1992 IMPORTS

METAL CUTTING

COUNTRY	MAY'92	APR'92	% CHANGE	MAY'92 YTD	MAY'91 YTD	% CHANGE
Japan	$50,438,766	$71,678,655	-29.6%	$295,587,862	$316,118,713	-6.5%
Germany	28,685,915	28,758,177	-0.3%	120,677,062	177,720,894	-32.1%
Taiwan	6,496,502	6,864,645	-5.4%	36,398,465	47,598,447	-23.5%
Switzerland	6,706,298	8,273,724	-18.9%	33,508,422	31,880,482	5.1%
United Kingdom	6,370,144	4,253,230	49.8%	28,906,457	38,869,777	-25.6%
Italy	2,606,447	1,615,517	61.3%	12,145,207	17,510,018	-30.6%
Canada	3,961,020	1,319,432	200.2%	12,033,160	7,229,594	66.4%
South Korea	936,373	1,209,482	-22.6%	8,816,020	7,478,567	17.9%
Spain	789,616	4,099,397	-80.7%	7,984,511	9,966,997	-19.9%
Singapore	1,115,324	1,347,981	-17.3%	7,589,211	4,325,435	75.5%
France	723,466	697,288	3.8%	3,833,765	8,957,188	-57.2%
Sweden	739,272	135,525	445.5%	3,232,537	11,436,495	-71.7%
Brazil	319,696	764,007	-58.2%	2,918,401	3,732,272	-21.8%
Belgium	0	20,000	-100.0%	194,102	1,293,172	-85.0%

METAL FORMING

COUNTRY	MAY'92	APR'92	% CHANGE	MAY'92 YTD	MAY'91 YTD	% CHANGE
Japan	$13,686,007	$24,845,571	-44.9%	$97,656,941	$121,036,262	-19.3%
Germany	6,469,714	8,130,811	-20.4%	36,070,162	39,353,827	-8.3%
Canada	3,709,631	4,694,768	-21.0%	20,070,571	20,737,313	-3.2%
Switzerland	2,213,622	1,291,535	71.4%	9,674,599	7,370,948	31.3%
United Kingdom	3,471,393	1,219,145	184.7%	7,775,662	10,181,375	-23.6%
Italy	1,559,012	1,500,186	3.9%	5,938,077	17,238,427	-65.6%
Sweden	2,333,830	382,482	510.2%	5,038,933	6,268,985	-19.6%
Belgium	317,585	537,738	-40.9%	3,723,915	4,464,138	-16.6%
France	517,628	871,301	-40.6%	3,289,593	991,754	231.7%
Taiwan	411,253	819,702	-49.8%	3,199,163	2,966,626	7.8%
South Korea	1,039,872	219,859	373.0%	1,530,070	363,335	321.1%
Spain	92,307	411,991	-77.6%	1,228,688	1,256,159	-2.2%
Singapore	0	11,500	-100.0%	11,500	300,254	-96.2%
Brazil	0	0	NA	9,051	19,696,889	-100.0%

MACHINE TOOL TOTAL

COUNTRY	MAY'92	APR'92	% CHANGE	MAY'92 YTD	MAY'91 YTD	% CHANGE
Japan	$64,124,773	$96,524,226	-33.6%	$393,244,803	$437,154,975	-10.0%
Germany	35,155,629	36,888,988	-4.7%	156,747,224	217,074,721	-27.8%
Switzerland	8,919,920	9,565,259	-6.7%	43,183,021	39,251,430	10.0%
Taiwan	6,907,755	7,684,347	-10.1%	39,597,628	50,565,073	-21.7%
United Kingdom	9,841,537	5,472,375	79.8%	36,682,119	49,051,152	-25.2%
Canada	7,670,651	6,014,200	27.5%	32,103,731	27,966,907	14.8%
Italy	4,165,459	3,115,703	33.7%	18,083,284	34,748,445	-48.0%
South Korea	1,976,245	1,429,341	38.3%	10,346,090	7,841,902	31.9%
Spain	881,923	4,511,388	-80.5%	9,213,199	11,223,156	-17.9%
Sweden	3,073,102	518,007	493.3%	8,271,470	17,705,480	-53.3%
Singapore	1,115,324	1,359,481	-18.0%	7,600,711	4,625,689	64.3%
France	1,241,094	1,568,589	-20.9%	7,123,358	9,948,942	-28.4%
Belgium	317,585	557,738	-43.1%	3,918,017	5,757,310	-31.9%
Brazil	319,696	764,007	-58.2%	2,927,452	23,429,161	-87.5%

1992 U.S. EXPORTS BY PRODUCT GROUPS

PRODUCT TYPES	JANUARY 1992		FEBRUARY 1992		MARCH 1992		APRIL 1992	
	Units	Value	Units	Value	Units	Value	Units	Value
Used & rebuilt & under $3,025	5,316	$11,265,820	5,422	$19,598,877	6,557	$15,515,671	6,715	$16,608,085
Boring machines	4	111,194	13	355,020	22	1,051,530	5	982,348
Drilling machines	46	2,480,904	77	1,808,417	144	1,028,066	50	610,942
Gear cutting machines	16	2,952,428	14	3,352,752	11	1,838,305	21	3,859,988
Grinding machines	296	11,067,320	248	6,487,757	298	7,112,597	195	6,333,052
NC horizontal lathes	22	4,786,634	16	2,123,339	22	2,483,249	21	3,845,252
NC vertical lathes	1	170,620	7	1,895,200	3	314,112	4	820,590
Non-NC lathes	44	3,333,427	36	1,234,899	39	866,194	28	775,663
Milling machines	35	6,163,478	43	5,628,228	43	4,140,783	46	2,783,629
Machining centers	18	4,153,920	43	2,912,384	26	3,823,849	20	4,144,535
Station type machines	2	689,332	24	3,705,541	5	6,212,800	5	679,025
Other metal cutting machines	191	5,028,354	261	7,372,840	260	5,534,794	296	7,665,317
Punching & shearing machines	75	2,962,166	120	6,014,865	92	4,643,641	135	4,669,531
Bending & forming machines	154	5,495,473	156	8,763,283	161	6,961,257	151	6,267,058
Presses	98	7,968,219	112	6,395,734	96	6,397,621	127	11,367,450
Forging machines	18	4,823,312	20	1,352,893	11	1,504,192	24	3,767,744
Other metal forming machines	221	11,490,938	324	12,788,805	320	7,847,518	198	10,936,704
MACHINE TOOL TOTAL	6,557	84,943,539	6,936	91,790,834	8,110	77,276,179	8,041	86,116,913

PRODUCT TYPES	MAY 1992		MAY'92 YTD		MAY 1991		MAY'91 YTD	
	Units	Value	Units	Value	Units	Value	Units	Value
Used & rebuilt & under $3,025	5,675	$14,631,339	29,685	$77,619,792	5,847	$14,473,978	27,701	$64,783,928
Boring machines	8	625,445	52	3,125,537	9	811,684	42	5,346,314
Drilling machines	37	404,865	354	6,333,194	81	1,767,423	449	10,103,514
Gear cutting machines	18	4,893,063	80	16,896,536	39	6,598,232	114	28,037,783
Grinding machines	316	8,690,095	1,353	39,690,821	285	9,241,644	1,389	45,365,200
NC horizontal lathes	21	3,217,185	102	16,455,659	19	1,914,295	134	15,473,837
NC vertical lathes	0	0	15	3,200,522	9	592,211	19	1,556,230
Non-NC lathes	60	1,894,668	207	8,104,851	45	1,357,057	226	5,759,344
Milling machines	28	1,384,138	195	20,100,256	57	5,134,958	196	16,037,460
Machining centers	28	2,886,287	135	17,920,975	37	5,715,931	136	24,570,231
Station type machines	18	12,100,629	54	23,387,327	4	3,143,769	24	29,938,839
Other metal cutting machines	348	6,377,535	1,356	31,978,840	341	8,257,118	1,430	36,217,726
Punching & shearing machines	145	7,422,484	567	25,712,687	111	5,445,644	540	24,594,544
Bending & forming machines	161	8,033,223	783	35,520,294	108	5,331,914	565	28,599,028
Presses	194	8,034,806	627	40,163,830	96	6,098,800	781	31,361,927
Forging machines	18	1,845,378	91	13,293,519	40	4,435,634	102	17,320,492
Other metal forming machines	155	8,986,110	1,218	52,050,075	223	22,718,552	1,140	61,024,369
MACHINE TOOL TOTAL	7,230	91,427,250	36,874	431,554,715	7,351	103,038,844	34,988	446,090,766

1992 U.S. EXPORTS BY PRODUCT GROUPS

PRODUCT TYPES	% CHANGE APR'92–MAY'92		% CHANGE MAY'91–MAY'92		% CHANGE YTD'91–YTD'92	
	Units	Value	Units	Value	Units	Value
Used & rebuilt & under $3,025	-15.5%	-11.9%	-2.9%	1.1%	7.2%	19.8%
Boring machines	60.0%	-36.3%	-11.1%	-22.9%	23.8%	-41.5%
Drilling machines	-26.0%	-33.7%	-54.3%	-77.1%	-21.2%	-37.3%
Gear cutting machines	-14.3%	26.8%	-53.8%	-25.8%	-29.8%	-39.7%
Grinding machines	62.1%	37.2%	10.9%	-6.0%	-2.6%	-12.5%
NC horizontal lathes	0.0%	-16.3%	10.5%	68.1%	-23.9%	6.3%
NC vertical lathes	-100.0%	-100.0%	-100.0%	-100.0%	-21.1%	105.7%
Non-NC lathes	114.3%	144.3%	33.3%	39.6%	-8.4%	40.7%
Milling machines	-39.1%	-50.3%	-50.9%	-73.0%	-0.5%	25.3%
Machining centers	40.0%	-30.4%	-24.3%	-49.5%	-0.7%	-27.1%
Station type machines	260.0%	1682.1%	350.0%	284.9%	125.0%	-21.9%
Other metal cutting machines	17.6%	-16.8%	2.1%	-22.8%	-5.2%	-11.7%
Punching & shearing machines	7.4%	59.0%	30.6%	36.3%	5.0%	4.5%
Bending & forming machines	6.6%	28.2%	49.1%	50.7%	38.6%	24.2%
Presses	52.8%	-29.3%	102.1%	31.7%	-19.7%	28.1%
Forging machines	-25.0%	-51.0%	-55.0%	-58.4%	-10.8%	-23.2%
Other metal forming machines	-21.7%	-17.8%	-30.5%	-60.4%	6.8%	-14.7%
MACHINE TOOL TOTAL	-10.1%	6.2%	-1.6%	-11.3%	5.4%	-3.3%
			0.0%	0.0%		

1992 U.S. IMPORTS BY PRODUCT GROUPS

PRODUCT TYPES	JANUARY 1992 Units	JANUARY 1992 Value	FEBRUARY 1992 Units	FEBRUARY 1992 Value	MARCH 1992 Units	MARCH 1992 Value	APRIL 1992 Units	APRIL 1992 Value
Used & rebuilt & under $3,025	94,127	$12,280,602	81,661	$11,946,493	71,929	$14,045,979	84,774	$11,587,883
Boring machines	25	3,463,952	36	989,787	45	3,737,653	26	4,588,124
Drilling machines	97	4,705,463	104	2,226,497	36	2,753,876	62	3,198,537
Gear cutting machines	37	6,172,007	4	649,747	23	1,307,398	26	6,552,810
Grinding machines	512	27,479,836	361	11,708,165	475	16,761,975	471	16,109,963
NC horizontal lathes	153	15,234,824	285	26,313,185	235	23,072,156	195	17,708,086
NC vertical lathes	16	1,194,631	4	987,274	18	4,031,865	9	3,892,886
Non-NC lathes	207	3,386,097	249	4,832,824	242	4,680,480	363	4,759,828
Milling machines	138	4,406,171	198	2,995,701	244	3,330,393	154	5,797,535
Machining centers	200	22,852,787	215	23,855,068	227	27,699,714	201	45,488,842
Station type machines	18	19,481,908	12	2,219,038	9	1,337,261	11	2,415,601
Other metal cutting machines	280	16,298,473	264	10,069,462	284	18,240,822	278	15,889,936
Punching & shearing machines	100	7,476,279	99	5,200,811	75	5,203,477	144	8,147,610
Bending & forming machines	151	11,974,223	125	4,205,804	147	6,328,325	151	6,424,005
Presses	101	15,951,346	598	3,793,878	364	7,021,117	361	8,270,967
Forging machines	104	2,006,697	166	1,340,569	45	17,634,877	133	13,299,820
Other metal forming machines	151	10,016,946	125	8,391,681	228	6,298,417	187	8,374,858
MACHINE TOOL TOTAL	96,417	184,382,242	84,506	121,725,984	74,626	163,485,785	87,546	182,507,291

PRODUCT TYPES	MAY 1992 Units	MAY 1992 Value	MAY'92 YTD Units	MAY'92 YTD Value	MAY 1991 Units	MAY 1991 Value	MAY'91 YTD Units	MAY'91 YTD Value
Used & rebuilt & under $3,025	79,166	$18,808,253	411,657	$68,669,210	61,461	$13,487,177	383,409	$73,513,482
Boring machines	24	943,461	156	13,722,977	53	7,001,111	295	25,804,388
Drilling machines	49	1,295,026	348	14,179,399	79	6,287,879	499	22,423,661
Gear cutting machines	16	3,349,701	106	18,031,663	93	5,312,326	199	26,715,353
Grinding machines	386	17,789,460	2,205	89,849,399	515	14,511,571	2,690	102,343,806
NC horizontal lathes	214	20,593,605	1,082	102,921,856	197	20,692,781	1,130	117,894,643
NC vertical lathes	2	581,745	49	10,688,401	2	1,159,139	50	11,327,083
Non-NC lathes	318	5,138,132	1,379	22,797,361	442	10,258,079	2,133	35,419,472
Milling machines	214	5,538,178	948	22,067,978	226	5,441,990	1,512	35,429,255
Machining centers	176	21,438,242	1,019	141,334,653	194	22,775,311	1,019	124,371,610
Station type machines	18	10,511,806	68	35,965,614	21	31,098,633	73	78,342,442
Other metal cutting machines	297	10,768,201	1,403	71,266,894	250	18,390,133	1,487	75,870,512
Punching & shearing machines	85	10,178,018	503	36,206,195	109	4,442,498	424	21,542,827
Bending & forming machines	149	4,929,111	723	33,861,468	124	7,388,462	766	34,972,847
Presses	209	9,501,579	1,633	44,538,887	301	9,718,955	938	95,429,880
Forging machines	62	16,348,004	510	50,629,967	152	6,220,779	353	26,017,584
Other metal forming machines	116	4,791,201	807	37,873,103	172	10,036,703	1,208	65,315,130
MACHINE TOOL TOTAL	81,501	162,503,723	424,596	814,605,025	64,391	194,223,527	398,185	972,733,975

1992 U.S. IMPORTS BY PRODUCT GROUPS

PRODUCT TYPES	% CHANGE APR'92-MAY'92		% CHANGE MAY'91-MAY'92		% CHANGE YTD'91-YTD'92	
	Units	Value	Units	Value	Units	Value
Used & rebuilt & under $3,025	-6.6%	62.3%	28.8%	39.5%	7.4%	-6.6%
Boring machines	-7.7%	-79.4%	-54.7%	-86.5%	-47.1%	-46.8%
Drilling machines	-21.0%	-59.5%	-38.0%	-79.4%	-30.3%	-36.8%
Gear cutting machines	-38.5%	-48.9%	-82.8%	-36.9%	-46.7%	-32.5%
Grinding machines	-18.0%	10.4%	-25.0%	22.6%	-18.0%	-12.2%
NC horizontal lathes	9.7%	16.3%	8.6%	-0.5%	-4.2%	-12.7%
NC vertical lathes	-77.8%	-85.1%	0.0%	-49.8%	-2.0%	-5.6%
Non-NC lathes	-12.4%	7.9%	-28.1%	-49.9%	-35.3%	-35.6%
Milling machines	39.0%	-4.5%	-5.3%	1.8%	-37.3%	-37.7%
Machining centers	-12.4%	-52.9%	-9.3%	-5.9%	0.0%	13.6%
Station type machines	63.6%	335.2%	-14.3%	-66.2%	-6.8%	-54.1%
Other metal cutting machines	6.8%	-32.2%	18.8%	-41.4%	-5.6%	-6.1%
Punching & shearing machines	-41.0%	24.9%	-22.0%	129.1%	18.6%	68.1%
Bending & forming machines	-1.3%	-23.3%	20.2%	-33.3%	-5.6%	-3.2%
Presses	-42.1%	14.9%	-30.6%	-2.2%	74.1%	-53.3%
Forging machines	-53.4%	22.9%	-59.2%	162.8%	44.5%	94.6%
Other metal forming machines	-38.0%	-42.8%	-32.6%	-52.3%	-33.2%	-42.0%
MACHINE TOOL TOTAL	-6.9%	-11.0%	26.6%	-16.3%	6.6%	-16.3%

U.S. EXPORTS
Metal Cutting Machine Tools - May 92

RELEASED: August 5, 1992

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
8456300000	Electro-discharge machines	73	5115	14	1162
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	27	2742	4	530
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	9	1718	1	235
100035	Horizontal machining centers, ATC	14	3738	0	0
100045	Machining centers, n.e.c.	85	9723	23	2121
200010	Unit construction mach. (single station transfer), NC	4	1394	0	0
200090	Unit construction mach. (single station transfer), non-NC	8	5850	7	5752
300010	Multi-station transfer machines, NC	9	6557	8	5968
300090	Multi-station transfer machines, non-NC	27	8862	3	380
8458110010	Horizontal lathes, multiple spindle, NC	27	2530	7	765
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	42	5710	8	1431
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	20	4425	5	593
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	13	3790	1	428
190030	Horizontal engine or toolroom lathes, non-NC	19	482	2	166
190050	Automatic bar and/or chucking mach., single spindle, non-NC	4	169	1	16
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	42	1865	27	867
190090	Horizontal lathes, n.e.c., non-NC	106	1435	26	294
911060	Vertical turret lathes, multiple spindle, NC	1	84	0	0
911080	Vertical turret lathes, n.e.c., NC	4	855	0	0
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	0	0	0	0
915070	Vertical lathes, excluding VTL's, n.e.c., NC	10	2261	0	0
991050	Vertical turret lathes, non-NC	9	525	1	235
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	27	3630	3	316
8459100000	Way-type unit head machines	6	724	0	0
210080	Other drilling machines, NC	40	4134	3	173
290040	Drilling machines, multiple spindle, non-NC	6	185	2	57
290050	Drilling machines, radial, non-NC	9	90	0	0
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	3	111	0	0
290090	Drilling machines, n.e.c., non-NC	296	1813	32	174
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	0	0	0	0
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	0	0	0	0
310070	Boring-milling machines, n.e.c., NC	13	834	3	142
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	0	0	0	0
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	13	229	0	0
400040	Boring machines, vertical, NC	0	0	0	0
400050	Boring machines, vertical, non-NC	15	1087	2	30
400070	Boring machines, n.e.c., NC	2	271	0	0
400080	Boring machines, n.e.c., non-NC	9	704	3	453
510080	Milling machines, knee type, NC	2	1477	0	0
590030	Milling machines, knee type, non-NC	95	3601	8	239
610080	Milling machines, excluding knee type, n.e.c., NC	31	10072	7	574
690050	Milling machines, profile, dup., or die sinking, non-NC	9	668	0	0
690070	Milling machines, bed type, non-NC	1	25	0	0
690090	Milling machines, n.e.c., non-NC	57	4257	13	571
700020	Threading or tapping machines, n.e.c., NC	8	657	2	200
700080	Threading or tapping machines, n.e.c., non-NC	87	1277	10	121
8460110080	Flat surface grinding machines, NC	36	1428	7	248
190010	Flat surface grinding mach., recip.-table type, non-NC	8	96	0	0
190050	Flat surface grinding machines, n.e.c., non-NC	38	5348	11	2583
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	23	5440	2	564
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	9	2782	3	504
290030	Grinding machines, internal cylindrical, non-NC	46	3507	3	72
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	108	6091	24	1439
310080	Sharpening machines (tool & cutter grinding), NC	24	1195	3	83
390050	Sharpening machines (tool & cutter grinding), non-NC	211	1666	37	329
400060	Honing or lapping machines, NC	1	44	0	0
400080	Honing or lapping machines, non-NC	224	2781	81	1078
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	9	1959	4	142
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	616	7354	141	1648
8461100060	Planing machines, NC	3	1752	2	30
100080	Planing machines, non-NC	63	1829	20	261
200010	Shaping or slotting machines, NC	13	451	0	0
200090	Shaping or slotting machines, non-NC	7	253	2	97
300060	Broaching machines, NC	9	1796	1	108
300080	Broaching machines, non-NC	9	1197	1	221
401050	Gear hobbers	6	730	0	0
401070	Gear shapers	9	479	1	39
401090	Gear cutting machines, n.e.c.	43	12260	10	4644
405060	Gear grinding or finishing machines	22	3428	7	210
500050	Sawing or cutting-off machines, NC	30	1632	8	267
500090	Sawing or cutting-off machines, non-NC	529	7130	151	2004
9000000001	Metal cutting machine tools, n.e.c.	525	8889	137	1907
9800000001	Used or rebuilt machine tools	3913	34912	861	7015
9900000001	Machine tools valued at less than $3,025	18899	9266	3485	2042
	Cutting Total			5228	51531
	Y-T-D Cutting Total	26715	231373		
	NC Y-T-D Cutting Total*	625	85550		

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - May 92

	Australia		Austria		Belgium		Brazil		Canada	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	1	235
100035	0	0	0	0	0	0	0	0	0	0
100045	2	128	0	0	0	0	0	0	4	398
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	5	5448
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	1	47	2	249
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	5	593
110090	0	0	0	0	0	0	0	0	1	428
190030	0	0	0	0	0	0	0	0	1	84
190050	0	0	0	0	0	0	0	0	1	16
190070	0	0	0	0	0	0	0	0	15	280
190090	0	0	0	0	0	0	0	0	3	137
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	17	82
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	2	97	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	1	23	0	0	0	0	0	0	0	0
610080	0	0	0	0	0	0	0	0	2	194
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	2	56
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	2	95	0	0	1	4
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	3	504
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	3	257
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	13	84	10	56
400060	0	0	0	0	0	0	0	0	0	0
400080	1	4	0	0	0	0	0	0	32	337
900060	0	0	0	0	0	0	0	0	3	112
900080	3	22	0	0	0	0	0	0	21	152
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	1	22
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	1	39
401090	1	53	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	7	205
500090	0	0	0	0	0	0	2	10	22	246
9000000001	0	0	1	16	0	0	0	0	40	654
9800000001	3	16	1	18	0	0	0	0	48	989
9900000001	2	6	0	0	29	18	15	10	125	219
Month Tot	13	253	4	130	31	113	31	151	376	11997
Y-T-D Tot	347	1777	25	1404	103	898	291	4276	3197	46862
NC YTD Tot*	6	308	5	1337	4	325	19	2111	140	19089

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	China		France		Germany **		India		Indonesia	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	1	51	2	131	0	0	0	0
8457100015	4	530	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	1	90	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	1	100	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	1	139	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	1	11	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	1	40	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	1	6	2	10	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	0	0
610080	0	0	0	0	0	0	3	92	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	2	399	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	1	30	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	3	72	0	0	0	0
290050	0	0	1	600	0	0	2	42	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	2	15	0	0	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	6	140	0	0	18	211	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	2	13	2	14	8	103	0	0	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	1	13	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	1	221	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	1	10	0	0	4	48
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	2	14	12	125	0	0	1	6
9000000001	0	0	0	0	2	26	0	0	20	565
9800000001	0	0	11	237	17	587	0	0	4	29
9900000001	26	28	52	13	79	53	14	11	0	0
Month Tot	40	1023	73	1049	150	1921	20	185	29	649
Y-T-D Tot	365	16452	409	3509	1176	8749	228	3978	59	5388
NC YTD Tot*	31	7574	13	1348	28	2411	6	578	3	135

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	Italy		Japan		Korea		Malaysia		Mexico	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	1	32	1	442	0	0	2	112
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	9	1241	0	0	2	53
200010	0	0	0	0	0	0	0	0	0	0
200090	2	304	0	0	0	0	0	0	0	0
300010	1	985	0	0	0	0	0	0	7	4983
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	3	343
110030	0	0	0	0	0	0	0	0	2	199
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	6	173	0	0	0	0	6	415
190090	0	0	0	0	0	0	0	0	10	106
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	1	235
995090	0	0	0	0	0	0	0	0	1	135
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	1	90	0	0	0	0
290040	0	0	0	0	0	0	0	0	2	57
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	3	14	0	0	0	0	0	0	9	62
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	1	45
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	3	453
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	0	0
610080	0	0	0	0	0	0	0	0	1	139
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	3	62	0	0	0	0	4	20
700020	0	0	0	0	0	0	0	0	2	200
700080	0	0	0	0	0	0	0	0	1	3
8460110080	1	18	3	121	0	0	0	0	1	60
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	1	1081	0	0	1	147
210080	0	0	1	460	0	0	0	0	1	104
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	1	41	0	0	9	305
310080	0	0	0	0	0	0	0	0	2	53
390050	0	0	0	0	4	132	2	13	2	8
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	1	7	2	87
900060	0	0	0	0	0	0	0	0	0	0
900080	1	7	3	36	5	40	0	0	13	351
8461100060	0	0	0	0	0	0	0	0	2	30
100080	0	0	2	20	1	12	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	1	75	0	0	0	0
300060	0	0	0	0	0	0	0	0	1	108
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	1	1096	4	2100	0	0	0	0	2	216
405060	0	0	0	0	1	90	0	0	1	62
500050	0	0	0	0	0	0	0	0	1	62
500090	3	32	11	196	1	4	0	0	27	243
9000000001	0	0	5	32	2	22	0	0	3	27
9800000001	340	1258	1	25	0	0	0	0	331	1950
9900000001	82	53	101	24	103	68	0	0	898	374
Month Tot	434	3767	141	3280	131	3337	3	20	1354	11748
Y-T-D Tot	753	7766	1339	18732	724	21322	181	474	5643	32585
MC YTD Tot*	7	2513	50	4160	56	9055	0	0	89	14058

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	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	1	31	6	362
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	0	0	0	0	5	1094
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	2	30
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	2	50	0	0	0	0	0	0	0	0
610080	0	0	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	9	1356	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	1	18
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	2	7	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	14	220	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	1	4	3	10	0	0	1	6	3	32
8461100060	0	0	0	0	0	0	0	0	0	0
100080	7	63	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	1	1135	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	37	664	3	23	1	10	1	3	4	33
9000000001	5	61	7	32	0	0	3	16	0	0
9800000001	0	0	4	56	0	0	0	0	8	41
9900000001	25	15	137	70	4	6	57	7	652	400
Month Tot	77	858	177	1766	6	1151	65	70	681	2010
Y-T-D Tot	299	2970	1283	5122	188	1600	246	2998	1257	10189
NC YTD Tot*	22	1297	8	882	0	0	9	2325	36	8066

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	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	0	0	3	102	2	110
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	2	280	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	1	126
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	1	82
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	12	39
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	2	180
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	1	43
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	1	40	0	0	0	0	4	125
610080	0	0	1	149	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	2	34
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	6	19
8460110080	0	0	1	20	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	7	177
310080	0	0	0	0	0	0	1	30	0	0
390050	0	0	0	0	0	0	0	0	2	13
400060	0	0	0	0	0	0	0	0	0	0
400080	6	55	0	0	0	0	0	0	1	17
900060	0	0	0	0	0	0	0	0	1	30
900080	1	4	4	102	0	0	18	190	52	560
8461100060	0	0	0	0	0	0	0	0	0	0
100080	1	13	4	38	0	0	0	0	4	102
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	1	44
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	1	9	4	46	0	0	0	0	19	339
9000000001	4	25	34	348	0	0	1	15	10	67
9800000001	1	25	30	962	0	0	2	106	60	716
9900000001	87	28	157	39	0	0	393	135	447	465
Month Tot	101	159	238	2026	0	0	418	579	635	3288
Y-T-D Tot	1669	1402	1232	9156	0	0	1838	2774	3863	20989
NC YTD Tot*	6	553	32	3858	0	0	11	536	44	3030

Please see notes on last page of the metal forming section.

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RELEASED: August 5, 1992

Metal Forming Machine Tools		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
8454300010	Die casting machines	199	3474	19	1186
8462100030	Headers and upsetters, including cold headers	6	4169	0	0
100050	Forging or die stamping machines, and hammers, n.e.c.	85	9125	18	1845
210080	Bending, folding, straight. or flat. mach., incl presses, NC	224	16317	84	5455
290030	Press brakes, non-NC	74	1840	12	495
290040	Bending rolls, non-NC	25	970	2	21
290050	Bending, folding, straight., or flat., n.e.c., non-NC	460	16392	63	2061
310080	Shearing machines, NC	38	2333	3	151
390050	Shearing machines, non-NC	157	3009	29	606
410080	Punching or notching mach., incl. comb. punch & shear, NC	106	11635	56	3421
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	266	8735	57	3244
910060	Hydraulic presses, NC	22	1063	10	359
910090	Hydraulic presses, non-NC	190	6032	74	2298
990030	Presses, n.e.c., NC	66	7090	11	1239
990040	Presses, mechanical, non-NC	28	2373	6	585
990060	Presses, n.e.c., non-NC	321	23606	93	3554
8463100080	Draw benches for bars, tubes, profiles, wire or the like	73	2255	1	21
200080	Thread rolling machines	13	277	2	9
300080	Machines for working wire	266	8005	45	1493
900080	Metal forming machine tools, n.e.c.	667	38038	88	6278
9800000002	Used or rebuilt machine tools	1164	28723	204	4667
9900000002	Machine tools valued at less than $3,025	5709	4718	1125	907
	Forming Total			2002	39896
	Y-T-D Forming Total	10159	200182		
	NC Y-T-D Forming Total	456	38439		
	Cutting and Forming Totals:				
	Monthly Total			7230	91427
	Y-T-D Total	36874	431555		
	NC Y-T-D Total*	1081	123988		

Other Manufacturing Technology		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
1000000000	Machine tool parts and accessories	0	313478	0	62167
2000000000	Parts for working rubber or plastics - heading 8477	0	103518	0	20631
2710003070	Quenching or cutting oils	0	3022	0	436
8428900010	Industrial robots for lifting, handling, loading or unload	594	6032	14	193
8431390090	Parts industrial robots, handling and loading - heading 8428	0	50598	0	19227
8456100000	Laser, light or photon beam for working any material	150	9253	27	2524
200000	Ultrasonic process for working any material	9	284	3	104
8477106010	Injection molding mach., for rubber or oth. thermosetting	109	9308	25	2100
106070	Injection molding machines, for thermoplastics	257	35712	51	5770
200005	Extruders; rubber or other thermosetting mat., single screw	20	1815	1	66
200015	Extruders; rubber or thermosetting, other incl. multi. screw	63	9415	12	5402
200030	Extruders; thermoplastics, single screw	101	8155	45	2478
200060	Extruders; thermoplastics, other incl. multi. screw	36	3467	7	530
300000	Blow molding machines	335	23759	122	5270
400000	Vacuum-molding and other thermoforming machines	885	7075	156	1222
510010	Machines for molding or retreading pneumatic tires	2448	15174	179	2786
510090	Machines for molding or otherwise forming inner tubes	397	2026	46	210
590000	Machines for molding or otherwise forming n.e.c.	822	11370	136	3099
800000	Machines for working rubber or plastics n.e.c.	1815	40298	552	7635
8479899040	Industrial robots, n.e.c.	2406	26672	522	5947
908040	Industrial robot parts	0	12484	0	2494
8537100030	Numerical controls for controlling machine tools	784	10817	179	2443
9024100000	Machines and appliances for testing metals	0	24159	0	4500
9031100000	Machines for balancing mechanical parts	0	11417	0	2529
300000	Profile projectors	0	1319	0	289
9032810040	Industrial process control instr., hydraulic or pneumatic	177281	16072	36830	3529

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "NC Y-T-D Total" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

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	Australia		Austria		Belgium		Brazil		Canada	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	1	6	0	0	0	0	0	0	1	90
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	0	0	0	0	1	383
210080	0	0	0	0	0	0	0	0	1	49
290030	1	45	0	0	0	0	0	0	1	50
290040	0	0	0	0	0	0	0	0	2	21
290050	0	0	0	0	1	5	0	0	19	601
310080	0	0	0	0	0	0	0	0	0	0
390050	2	6	0	0	0	0	0	0	8	80
410080	0	0	0	0	0	0	4	100	3	244
490050	5	164	0	0	0	0	1	1110	10	91
910060	0	0	0	0	0	0	3	25	1	55
910090	0	0	0	0	2	17	0	0	3	118
990030	0	0	0	0	0	0	0	0	1	61
990040	0	0	0	0	0	0	0	0	1	26
990060	1	31	6	166	0	0	0	0	11	427
8463100080	0	0	0	0	1	21	0	0	0	0
200080	0	0	0	0	0	0	0	0	2	9
300080	0	0	0	0	0	0	1	9	4	22
900080	0	0	0	0	0	0	0	0	16	197
9800000002	0	0	0	0	0	0	0	0	44	996
9900000002	15	14	0	0	68	58	10	8	200	167
Month Tot	25	265	6	166	72	101	19	1253	329	3690
Y-T-D Tot	160	919	73	975	292	7398	224	4169	1457	26065
NC YTD Tot	2	113	0	0	4	154	9	206	54	4774
C&F Month	38	518	10	296	103	214	50	1404	705	15687
C&F Y-T-D	507	2696	98	2380	395	8296	515	8445	4654	72927
C&F NC YTD*	8	421	5	1337	8	479	28	2317	194	23863

Other Manufacturing Technology

1000000000	0	1086	0	212	0	629	0	976	0	8617
2000000000	0	553	0	33	0	149	0	281	0	5508
2710003070	0	7	0	0	0	0	0	0	0	68
8428900010	0	0	0	0	0	0	0	0	0	0
8431390090	0	153	0	0	0	19	0	154	0	1522
8456100000	1	58	4	168	0	0	0	0	1	67
200000	0	0	0	0	0	0	0	0	1	61
8477106010	0	0	0	0	0	0	0	0	3	109
106070	0	0	0	0	2	122	0	0	22	3089
200005	0	0	0	0	0	0	0	0	1	66
200015	0	0	0	0	0	0	0	0	10	1371
200030	22	480	0	0	0	0	0	0	0	0
200060	0	0	0	0	1	66	0	0	4	383
300000	2	769	0	0	0	0	0	0	2	71
400000	0	0	0	0	0	0	0	0	60	467
510010	0	0	0	0	0	0	8	79	56	1586
510090	4	19	0	0	0	0	0	0	0	0
590000	1	8	0	0	0	0	0	0	2	146
800000	2	418	0	0	0	0	0	0	52	897
8479899040	1	625	0	0	0	0	0	0	327	1962
908040	0	30	0	0	0	5	0	0	0	773
8537100030	2	17	0	0	2	37	38	488	3	106
9024100000	0	22	0	9	0	142	0	20	0	839
9031100000	0	0	0	0	0	0	0	44	0	473
300000	0	0	0	0	0	0	0	0	0	57
9032810040	2717	158	130	32	852	165	0	0	1923	186

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
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	China		France		Germany **		India		Indonesia	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	1	6	1	6	0	0	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	2	99	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	2	42	5	25	10	432	0	0	0	0
310080	0	0	0	0	0	0	1	45	0	0
390050	0	0	1	10	0	0	0	0	0	0
410080	0	0	0	0	1	166	0	0	0	0
490050	1	52	0	0	0	0	0	0	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	1	74	0	0	10	354	0	0	0	0
990030	0	0	0	0	0	0	0	0	0	0
990040	1	308	0	0	2	189	0	0	0	0
990060	0	0	2	64	4	940	0	0	0	0
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	1	17	5	120	0	0	0	0
900080	14	2982	3	375	3	99	0	0	0	0
9800000002	6	60	14	237	5	87	0	0	9	203
9900000002	0	0	19	16	71	57	0	0	10	8
Month Tot	26	3525	46	750	113	2542	1	45	19	211
Y-T-D Tot	123	7599	226	7860	494	16312	116	595	32	801
NC YTD Tot	16	1747	4	652	7	813	1	45	0	0
C&F Month	66	4548	119	1799	263	4463	21	230	48	859
C&F Y-T-D	488	24051	635	11369	1670	25061	344	4573	91	6189
C&F NC YTD*	47	9321	17	1999	35	3224	7	624	3	135

Other Manufacturing Technology

1000000000	0	999	0	1511	0	5036	0	208	0	9
2000000000	0	663	0	374	0	2234	0	60	0	45
2710003070	0	4	0	0	0	28	0	0	0	7
8428900010	0	0	0	0	4	21	0	0	0	0
8431390090	0	7	0	259	0	79	0	24	0	531
8456100000	1	200	2	180	4	186	0	0	0	0
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	1	40	0	0	0	0
106070	0	0	0	0	5	340	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	0	0	2	59	0	0	1	1082
200060	0	0	2	81	0	0	0	0	0	0
300000	0	0	5	455	1	8	0	0	0	0
400000	0	0	38	330	0	0	4	3	0	0
510010	0	0	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	15	1391	9	86	0	0	6	93	0	0
800000	2	579	0	0	6	138	4	63	0	0
8479899040	0	0	13	358	37	1086	0	0	0	0
908040	0	0	0	124	0	322	0	0	0	0
8537100030	1	21	14	188	8	114	1	8	0	0
9024100000	0	44	0	100	0	241	0	427	0	0
9031100000	0	46	0	11	0	29	0	0	0	0
300000	0	0	0	9	0	0	0	5	0	0
9032810040	0	0	688	110	13730	401	61	7	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
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	Italy		Japan		Korea		Malaysia		Mexico	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	2	27	0	0	0	0	2	116
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	1	41	7	475	0	0	1	255
210080	59	4178	1	41	11	480	0	0	4	372
290030	0	0	0	0	0	0	0	0	2	74
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	9	232	0	0	10	183
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	14	456
410080	0	0	0	0	7	1080	0	0	2	127
490050	0	0	1	117	0	0	0	0	12	202
910060	0	0	0	0	5	262	0	0	1	18
910090	0	0	14	807	1	30	0	0	19	304
990030	1	180	2	615	0	0	0	0	0	0
990040	0	0	1	37	0	0	0	0	1	25
990060	0	0	0	0	3	127	0	0	52	780
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	4	613	1	11	0	0	3	70	8	140
900080	0	0	9	367	1	32	0	0	10	272
9800000002	0	0	2	32	3	179	0	0	94	1924
9900000002	57	21	14	14	17	18	5	8	322	252
Month Tot	121	4992	48	2108	64	2915	8	78	554	5501
Y-T-D Tot	347	9707	640	12493	328	14451	45	1014	2512	32383
NC YTD Tot	67	5212	14	2245	44	5202	7	455	56	4242
C&F Month	555	8760	189	5388	195	6252	11	98	1908	17248
C&F Y-T-D	1100	17473	1979	31225	1052	35772	226	1489	8155	64968
C&F NC YTD*	74	7725	64	6406	100	14257	7	455	145	18300

Other Manufacturing Technology

1000000000	0	1346	0	6280	0	1496	0	283	0	11602
2000000000	0	202	0	687	0	788	0	123	0	1602
2710003070	0	5	0	10	0	18	0	7	0	3
8428900010	1	3	4	42	0	0	0	0	0	0
8431390090	0	8	0	389	0	89	0	6	0	574
8456100000	0	0	1	20	0	0	0	0	4	599
200000	0	0	0	0	0	0	0	0	1	29
8477106010	0	0	1	66	0	0	0	0	14	1382
106070	0	0	1	39	0	0	0	0	8	730
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	0	0	0	0	0	0	1	20
200060	0	0	0	0	0	0	0	0	0	0
300000	1	416	6	111	2	95	0	0	30	1064
400000	0	0	30	18	0	0	0	0	20	341
510010	0	0	18	38	0	0	0	0	2	19
510090	0	0	3	70	0	0	0	0	1	6
590000	2	25	22	219	1	9	7	28	12	200
800000	5	73	216	538	2	530	0	0	109	3313
8479899040	29	175	7	89	0	0	0	0	7	122
908040	0	88	0	294	0	44	0	0	0	115
8537100030	4	52	1	8	48	690	0	0	4	45
9024100000	0	50	0	749	0	226	0	0	0	87
9031100000	0	0	0	33	0	639	0	0	0	251
300000	0	3	0	0	0	8	0	5	0	81
9032810040	1121	271	677	73	300	44	6	6	388	137

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
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	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	0	0	0	0	9	900
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	1	58	0	0	0	0	0	0
310080	0	0	1	48	0	0	0	0	0	0
390050	0	0	3	31	0	0	0	0	0	0
410080	1	650	36	780	0	0	0	0	2	274
490050	2	29	0	0	10	96	0	0	1	6
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	0	0	2	17	1	30
990030	0	0	0	0	1	33	0	0	0	0
990040	0	0	0	0	0	0	0	0	0	0
990060	0	0	1	20	0	0	0	0	0	0
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	4	44	1	98	0	0	1	26
900080	0	0	6	76	0	0	1	30	1	94
9800000002	0	0	2	13	0	0	0	0	0	0
9900000002	20	15	15	12	0	0	53	47	0	0
Month Tot	23	694	69	1082	12	227	56	94	15	1331
Y-T-D Tot	101	1950	243	5076	39	1058	225	1548	117	6783
NC YTD Tot	7	1250	39	1351	6	323	12	1003	22	1855
C&F Month	100	1552	246	2849	18	1378	121	165	696	3341
C&F Y-T-D	400	4920	1526	10198	227	2658	471	4546	1374	16972
C&F NC YTD*	29	2546	47	2233	6	323	21	3328	58	9921

Other Manufacturing Technology

1000000000	0	1953	0	746	0	455	0	621	0	2745
2000000000	0	541	0	122	0	62	0	52	0	124
2710003070	0	0	0	40	0	0	0	0	0	0
8428900010	0	0	0	0	0	0	0	0	1	66
8431390090	0	71	0	44	0	12	0	0	0	24
8456100000	0	0	0	0	1	41	2	240	1	657
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	1	59	0	0	0	0
106070	0	0	0	0	0	0	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	0	0	0	0	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	0	0	0	0	0	0	0	0
400000	0	0	0	0	0	0	0	0	0	0
510010	59	356	0	0	2	13	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	2	25	3	39	0	0	1	35
800000	0	0	40	74	0	0	0	0	1	12
8479899040	2	70	1	32	0	0	1	42	4	58
908040	0	11	0	7	0	34	0	80	0	11
8537100030	4	43	3	37	2	18	0	0	2	21
9024100000	0	27	0	82	0	6	0	75	0	51
9031100000	0	0	0	74	0	0	0	0	0	501
300000	0	0	0	7	0	0	0	0	0	65
9032810040	1729	431	1739	120	343	93	73	10	727	45

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. EXPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
May 92

Metal Forming

	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	1	28	0	0	0	0	1	6
8462100030	0	0	0	0	0	0	0	0	0	0
100050	2	104	2	380	0	0	0	0	2	109
210080	0	0	3	140	0	0	0	0	5	195
290030	0	0	0	0	0	0	0	0	8	326
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	3	429	0	0	0	0	3	53
310080	0	0	0	0	0	0	0	0	1	58
390050	0	0	0	0	0	0	1	24	0	0
410080	0	0	0	0	0	0	0	0	0	0
490050	0	0	10	1049	0	0	0	0	4	327
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	15	418	0	0	2	17	4	111
990030	0	0	0	0	0	0	0	0	6	350
990040	0	0	0	0	0	0	0	0	0	0
990060	0	0	3	719	0	0	1	87	9	194
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	3	75	0	0	4	122	3	60	2	66
900080	2	162	2	1003	0	0	0	0	20	590
9800000002	0	0	1	10	0	0	1	244	23	682
9900000002	0	0	89	70	0	0	14	12	126	110
Month Tot	7	341	129	4246	4	122	22	444	214	3176
Y-T-D Tot	96	4666	671	11492	13	244	127	2347	1458	22278
NC YTD Tot	2	937	29	2277	0	0	0	0	54	3581
C&F Month	108	500	367	6272	4	122	440	1023	849	6464
C&F Y-T-D	1765	6068	1903	20649	13	244	1965	5121	5321	43267
C&F NC YTD*	8	1490	61	6135	0	0	11	536	98	6611

Other Manufacturing Technology

1000000000	0	564	0	4571	0	0	0	487	0	9736
2000000000	0	106	0	1280	0	0	0	1295	0	3748
2710003070	0	0	0	0	0	0	0	29	0	209
8428900010	0	0	3	56	0	0	0	0	1	5
8431390090	0	724	0	400	0	192	0	129	0	13818
8456100000	0	0	0	0	0	0	0	0	5	110
200000	0	0	0	0	0	0	0	0	1	14
8477106010	0	0	0	0	0	0	0	0	5	444
106070	0	0	3	150	0	0	0	0	10	1300
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	2	4031	0	0
200030	0	0	13	318	0	0	3	436	3	83
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	54	1928	0	0	0	0	19	352
400000	2	24	0	0	0	0	0	0	2	39
510010	0	0	0	0	0	0	0	0	34	695
510090	16	36	0	0	0	0	0	0	22	79
590000	0	0	13	612	0	0	0	0	40	182
800000	0	0	55	407	0	0	3	3	55	590
8479899040	79	475	1	509	0	0	6	34	7	311
908040	0	0	0	419	0	0	0	0	0	138
8537100030	1	9	19	253	0	0	0	0	22	288
9024100000	0	19	0	319	0	0	0	30	0	935
9031100000	0	9	0	28	0	0	0	31	0	358
300000	0	0	0	0	0	0	0	0	0	49
9032810040	0	0	2394	394	0	0	18	26	7214	821

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. EXPORTS
Metal Cutting and Metal Forming Machine Tool Totals
May 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
Bulgaria	0	0	0	0	0	0
Czechoslovakia	0	0	0	0	0	0
Denmark	3	55	1	50	4	105
Finland	26	31	20	20	46	51
Greece	0	0	0	0	0	0
Hungary	0	0	0	0	0	0
Iceland	0	0	0	0	0	0
Ireland	15	112	0	0	15	112
Luxembourg	1	4	0	0	1	4
Norway	3	20	0	0	3	20
Poland	0	0	0	0	0	0
Portugal	0	0	0	0	0	0
Romania	0	0	0	0	0	0
Sweden	28	130	36	121	64	252
Turkey	1	15	0	0	1	15
Yugoslavia	0	0	4	125	4	125
Oth Europe	1	17	1	58	2	76
TOTAL	1156	11472	644	14309	1800	25781
NORTH AND CENTRAL AMERICA						
Bahamas	0	0	0	0	0	0
Barbados	0	0	2	7	2	7
Belize	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0
Costa Rica	16	47	8	395	24	442
Dominican Rep	2	28	0	0	2	28
El Salvador	0	0	4	104	4	104
Guatemala	0	0	1	21	1	21
Haiti	0	0	0	0	0	0
Honduras	0	0	0	0	0	0
Jamaica	0	0	0	0	0	0
Panama	0	0	1	75	1	75
Trinidad	0	0	1	11	1	11
Oth N & C Am.	3	41	6	5	9	46
TOTAL	1751	23861	906	9807	2657	33668
SOUTH AMERICA						
Argentina	16	194	20	112	36	306
Bolivia	0	0	0	0	0	0
Chile	20	144	23	360	43	504
Colombia	57	102	0	0	57	102
Ecuador	1	35	0	0	1	35
Paraguay	0	0	0	0	0	0
Peru	2	29	0	0	2	29
Uruguay	0	0	1	13	1	13
Oth South Am.	0	0	0	0	0	0
TOTAL	545	1234	85	2181	630	3415
OCEANIA						
New Zealand	0	0	1	298	1	298
Oth Oceania	0	0	0	0	0	0
TOTAL	13	253	26	563	39	816

U.S. EXPORTS
Metal Cutting and Metal Forming Machine Tool Totals
May 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ASIA						
Bangladesh	0	0	0	0	0	0
Hong Kong	212	850	36	163	248	1013
Iran	1	31	0	0	1	31
Iraq	0	0	0	0	0	0
Israel	47	361	2	24	49	385
Jordan	0	0	0	0	0	0
Kuwait	0	0	1	28	1	28
Laos	0	0	0	0	0	0
Lebanon	0	0	0	0	0	0
Macao	0	0	0	0	0	0
Oman	10	32	0	0	10	32
Pakistan	2	13	0	0	2	13
Philippines	16	54	1	93	17	147
Qatar	3	6	0	0	3	6
Saudi Arabia	32	782	10	239	42	1021
Sri Lanka	0	0	0	0	0	0
Syria	0	0	0	0	0	0
United Arab Emr	34	83	5	53	39	137
Vietnam	0	0	0	0	0	0
Oth Asia	2	6	1	5	3	11
TOTAL	1682	14649	313	12240	1995	26888
AFRICA						
Algeria	0	0	0	0	0	0
Botswana	0	0	0	0	0	0
Egypt	3	34	0	0	3	34
Ethiopia	0	0	0	0	0	0
Gabon	0	0	0	0	0	0
Ghana	0	0	0	0	0	0
Guinea	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Malawi	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0
Morocco	0	0	0	0	0	0
Niger	0	0	0	0	0	0
Nigeria	0	0	3	74	3	74
South Africa	78	28	20	384	98	413
Sudan	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0
Zaire	0	0	0	0	0	0
Zambia	0	0	0	0	0	0
Zimbabwe	0	0	5	337	5	337
Oth Africa	0	0	0	0	0	0
TOTAL	81	62	28	796	109	859

Note: Region totals include top countries detailed by product as well as countries listed above.
** West and East Germany are combined.
Cutting Section Notes:
Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.
* "NC Y-T-D Cutting Total" does not include code 8456300000.

U.S. IMPORTS - Metal Cutting Machine Tools - May 92

RELEASED: August 5, 1992

		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
8456301020	Traveling wire electro-discharge machines	308	25685	48	4544
301050	Electro-discharge machines, n.e.c., NC	101	7259	30	1749
301070	Electro-discharge machines, n.e.c., non-NC	78	1142	9	177
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	771	60712	156	12267
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	49	14737	4	986
100035	Horizontal machining centers, ATC	177	41243	15	2547
100045	Machining centers, n.e.c.	22	24642	1	5639
200010	Unit construction mach. (single station transfer), NC	2	408	1	239
200090	Unit construction mach. (single station transfer), non-NC	7	1197	1	285
300010	Multi-station transfer machines, NC	18	17540	1	51
300090	Multi-station transfer machines, non-NC	35	16285	12	9616
8458110010	Horizontal lathes, multiple spindle, NC	134	20136	28	3969
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	782	53492	157	11148
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	147	22794	22	3259
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	19	6499	7	2218
190030	Horizontal engine or toolroom lathes, non-NC	1074	9615	248	2023
190050	Automatic bar and/or chucking mach., single spindle, non-NC	54	1632	18	142
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	18	2679	7	1241
190090	Horizontal lathes, n.e.c., non-NC	79	1263	30	604
911060	Vertical turret lathes, multiple spindle, NC	10	2236	1	306
911080	Vertical turret lathes, n.e.c., NC	21	4217	1	276
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	4	2090	0	0
915070	Vertical lathes, excluding VTL's, n.e.c., NC	14	2145	0	0
991050	Vertical turret lathes, non-NC	13	439	3	12
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	141	7169	12	1116
8459100000	Way-type unit head machines	6	535	3	321
210080	Other drilling machines, NC	56	5228	15	945
290040	Drilling machines, multiple spindle, non-NC	82	2510	0	0
290050	Drilling machines, radial, non-NC	71	633	13	135
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	19	1543	0	0
290090	Drilling machines, n.e.c., non-NC	120	4265	21	215
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	6	1356	1	407
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	21	5581	1	65
310070	Boring-milling machines, n.e.c., NC	4	624	1	34
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	6	363	0	0
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	44	1601	5	166
400040	Boring machines, vertical, NC	3	675	0	0
400050	Boring machines, vertical, non-NC	18	247	0	0
400070	Boring machines, n.e.c., NC	0	0	0	0
400080	Boring machines, n.e.c., non-NC	54	3276	16	272
510080	Milling machines, knee type, NC	80	2049	6	60
590030	Milling machines, knee type, non-NC	730	6395	180	1362
610080	Milling machines, excluding knee type, n.e.c., NC	71	11677	19	3937
690050	Milling machines, profile, dup., or die sinking, non-NC	3	14	0	0
690070	Milling machines, bed type, non-NC	22	778	2	65
690090	Milling machines, n.e.c., non-NC	42	1155	7	114
700020	Threading or tapping machines, n.e.c., NC	143	7991	10	479
700080	Threading or tapping machines, n.e.c., non-NC	46	1227	28	142
8460110080	Flat surface grinding machines, NC	31	1963	2	440
190010	Flat surface grinding mach., recip.-table type, non-NC	397	5282	45	497
190050	Flat surface grinding machines, n.e.c., non-NC	396	6917	66	581
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	116	27590	25	4835
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	62	4582	12	1686
290030	Grinding machines, internal cylindrical, non-NC	39	4635	7	666
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	279	17073	78	5264
310080	Sharpening machines (tool & cutter grinding), NC	72	2678	11	565
390050	Sharpening machines (tool & cutter grinding), non-NC	316	2589	49	479
400060	Honing or lapping machines, NC	8	661	1	197
400080	Honing or lapping machines, non-NC	63	5314	4	363
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	6	329	1	5
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	420	10236	85	2212
8461100060	Planing machines, NC	0	0	0	0
100080	Planing machines, non-NC	1	8	1	8
200010	Shaping or slotting machines, NC	3	115	0	0
200090	Shaping or slotting machines, non-NC	30	3696	3	27
300060	Broaching machines, NC	3	653	1	250
300080	Broaching machines, non-NC	13	5368	6	127
401020	Gear cutting for bevel gears	0	0	0	0
401030	Gear hobbers	25	7265	2	371
401040	Gear shapers	4	234	1	188
401060	Gear cutting machines, n.e.c.	46	188	7	12
405050	Gear grinding or finishing for bevel gears	2	1010	0	0
405070	Gear grinding or finishing machines, n.e.c.	29	9335	6	2778
500050	Sawing or cutting-off machines, NC	34	2075	7	109
500090	Sawing or cutting-off machines, non-NC	508	9277	108	2139
9000000001	Metal cutting machine tools, n.e.c.	135	6772	46	1016
9800000001	Used or rebuilt machine tools	2190	21953	295	8652
9900000001	Machine tools valued at less than $3,025	402425	34600	77255	7129
	Cutting Total			79264	113728
Please see notes on last page	Y-T-D Cutting Total	413378	599379		
of the metal forming section.	NC Y-T-D Cutting Total	3250	379146		

U.S. IMPORTS - Metal Cutting Machine Tools - May 92

	Belgium		Brazil		Canada		France		Germany **	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	0	0	0	0	0	0	0	0
301050	0	0	0	0	0	0	0	0	3	102
301070	0	0	0	0	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	0	0	0	0	1	5639
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	1	285
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	3	1001	0	0	5	7811
8458110010	0	0	0	0	0	0	0	0	1	292
110030	0	0	0	0	0	0	1	87	0	0
110050	0	0	0	0	0	0	1	126	0	0
110090	0	0	0	0	0	0	0	0	2	1001
190030	0	0	25	239	3	99	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	3	321
210080	0	0	0	0	0	0	0	0	1	41
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	2	30	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	1	34
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	4	156
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	2	25	14	246	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	0	0
610080	0	0	0	0	1	2118	0	0	4	1223
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	1	8
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	1	8	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	1	117
190010	0	0	0	0	1	21	0	0	0	0
190050	0	0	0	0	0	0	0	0	1	2
210080	0	0	0	0	0	0	0	0	4	1592
290010	0	0	0	0	0	0	0	0	3	540
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	3	51	0	0	27	4567
310080	0	0	0	0	1	8	0	0	8	308
390050	0	0	0	0	1	10	0	0	5	90
400060	0	0	0	0	0	0	0	0	1	197
400080	0	0	0	0	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	1	50	1	18	6	24	5	71
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	1	8
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	2	17	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	1	3	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	0	0	0	0	2	2765
500050	0	0	0	0	0	0	0	0	4	27
500090	0	0	0	0	23	331	0	0	46	826
9000000001	0	0	0	0	2	7	8	29	3	16
9800000001	0	0	0	0	14	188	1	63	15	341
9900000001	0	0	0	0	297	60	81	146	502	309
Month Tot	0	0	28	320	355	3961	113	723	655	28686
Y-T-D Tot	15	194	151	2918	1008	12033	507	3834	2539	120677
NC YTD Tot	0	0	22	1399	27	5154	7	1710	198	65835

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - May 92

	Italy		Japan		Korea		Singapore		Spain	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	25	2469	0	0	0	0	0	0
301050	0	0	15	912	0	0	0	0	0	0
301070	0	0	5	108	0	0	0	0	0	0
8457100015	0	0	116	10119	3	136	10	523	0	0
100025	0	0	3	655	0	0	0	0	0	0
100035	0	0	12	2221	0	0	0	0	1	125
100045	0	0	0	0	0	0	0	0	0	0
200010	1	239	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	27	3677	0	0	0	0	0	0
110030	0	0	115	9586	2	108	0	0	0	0
110050	0	0	21	3133	0	0	0	0	0	0
110090	0	0	4	1099	0	0	0	0	0	0
190030	0	0	1	113	8	85	14	181	1	57
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	6	233	0	0	0	0	0	0
911060	0	0	1	306	0	0	0	0	0	0
911080	1	276	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	6	731	6	385	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	14	904	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	2	141	0	0	0	0	18	63
310010	0	0	1	407	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	1	11	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	7	346	2	61	0	0	0	0	60	495
610080	0	0	2	186	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	2	65	0	0	0	0	0	0
690090	0	0	1	49	0	0	0	0	0	0
700020	0	0	10	479	0	0	0	0	0	0
700080	0	0	25	120	0	0	0	0	0	0
8460110080	0	0	1	324	0	0	0	0	0	0
190010	0	0	1	63	0	0	31	399	0	0
190050	0	0	1	1	0	0	0	0	0	0
210080	0	0	19	2860	0	0	0	0	0	0
290010	0	0	1	42	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	4	18	0	0	0	0	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	2	101	25	82	0	0	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	3	333	0	0	0	0	0	0
900060	0	0	1	5	0	0	0	0	0	0
900080	2	746	46	1113	0	0	0	0	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	1	250	0	0	0	0	0	0
300080	0	0	6	127	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	1	164	0	0	0	0	0	0
401040	0	0	1	188	0	0	0	0	0	0
401060	0	0	2	7	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	4	13	0	0	0	0
500050	2	76	0	0	0	0	0	0	0	0
500090	18	139	7	661	0	0	0	0	1	4
9000000001	7	31	24	903	0	0	0	0	1	6
9800000001	166	270	48	4777	0	0	0	0	1	40
9900000001	2037	372	4283	746	2205	209	72	12	0	0
Month Tot	2244	2606	4891	50439	2228	936	127	1115	83	790
Y-T-D Tot	12173	12145	38318	295588	8260	8816	500	7589	550	7985
NC YTD Tot	24	5075	1998	240351	60	3723	74	4076	5	1531

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - May 92

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	23	2076	0	0	0	0	0	0
301050	0	0	5	549	0	0	0	0	7	187
301070	0	0	0	0	3	36	1	33	0	0
8457100015	0	0	0	0	4	133	21	1124	2	233
100025	0	0	0	0	1	331	0	0	0	0
100035	0	0	0	0	1	67	1	134	0	0
100045	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	1	51
300090	0	0	4	804	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	8	327	21	993	10	46
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	1	117
190030	0	0	0	0	47	333	0	0	149	915
190050	0	0	1	49	17	93	0	0	0	0
190070	0	0	2	593	0	0	5	647	0	0
190090	0	0	0	0	0	0	24	371	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	3	12	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	3	48	0	0	8	57
290070	0	0	0	0	0	0	0	0	0	0
290090	1	11	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	1	65
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	6	60	0	0	0	0
590030	0	0	0	0	110	456	0	0	1	5
610080	1	370	0	0	8	18	3	22	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	1	14	3	11	0	0	1	32
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	2	14	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	12	14	0	0	0	0
190050	0	0	2	166	54	392	0	0	8	21
210080	0	0	2	382	0	0	0	0	0	0
290010	0	0	6	1074	0	0	1	28	1	2
290030	0	0	2	599	2	29	0	0	3	37
290050	1	9	25	326	9	69	2	191	7	35
310080	0	0	0	0	0	0	0	0	2	249
390050	0	0	0	0	0	0	16	195	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	1	30	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	0	0	2	34	10	42	12	114
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	1	10
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	1	207
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	0	0	4	1
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	1	6	0	0	0	0
500090	0	0	0	0	10	81	2	29	1	69
9000000001	1	25	0	0	0	0	0	0	0	0
9800000001	0	0	2	53	4	46	14	2500	30	374
9900000001	225	325	192	21	53182	3856	103	62	14076	1013
Month Tot	229	739	267	6706	53493	6497	224	6370	14327	3839
Y-T-D Tot	522	3233	597	33508	270957	36398	1225	28906	76056	25553
Nov YTD Tot	4	578	125	16033	228	8041	193	14675	285	10964

Please see notes on last page of the metal forming section.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
May 92

RELEASED: August 5, 1992

Metal Forming Machine Tools		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
8454300010	Die casting machines	143	9833	7	391
8462100030	Headers and upsetters, including cold headers	21	2471	5	355
100050	Forging or die stamping machines, and hammers, n.e.c.	489	48159	57	15993
210080	Bending, folding, straight. or flat. mach., incl presses, NC	229	15279	33	1658
290030	Press brakes, non-NC	78	2648	17	623
290040	Bending rolls, non-NC	28	1049	5	62
290050	Bending, folding, straight., or flat., n.e.c., non-NC	388	14884	94	2586
310080	Shearing machines, NC	20	2626	4	775
390050	Shearing machines, non-NC	173	8617	25	1603
410080	Punching or notching mach., incl. comb. punch & shear, NC	127	17195	33	6274
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	183	7768	23	1526
910060	Hydraulic presses, NC	9	3343	3	685
910090	Hydraulic presses, non-NC	1379	12493	143	1316
990030	Presses, n.e.c., NC	0	0	0	0
990035	Mechanical transfer presses, non-NC	8	14198	1	3488
990045	Mechanical presses, n.e.c., non-NC	50	2912	12	1160
990060	Presses, n.e.c., non-NC	187	11593	50	2852
8463100080	Draw benches for bars, tubes, profiles, wire or the like	71	6145	12	639
200080	Thread rolling machines	29	1584	7	546
300080	Machines for working wire	275	10043	31	1218
900080	Metal forming machine tools, n.e.c.	289	10269	59	1996
9800000002	Used or rebuilt machine tools	566	9037	99	2487
9900000002	Machine tools valued at less than $3,025	6476	3080	1517	541
	Forming Total			2237	48775
	Y-T-D Forming Total	11218	215226		
	NC Y-T-D Forming Total	385	38444		
	Cutting and Forming Totals:				
	Monthly Total			81501	162504
	Y-T-D Total	424596	814605		
	NC Y-T-D Total	3635	417590		

Other Manufacturing Technology		TOTAL YTD		TOTAL MO.	
1000000000	Machine tool parts and accessories	0	224249	0	39205
2000000000	Parts for working rubber or plastics - heading 8477	0	119599	0	23498
2710003070	Quenching or cutting oils	0	154	0	28
8428900010	Industrial robots for lifting, handling, loading or unload	1232	24729	100	10013
8431390080	Parts industrial robots, handling and loading - heading 8428	0	31311	0	6289
8456101010	Laser, light or photon beam for working metal, NC	94	14996	15	1716
101020	Laser, light or photon beam for working metal, non-NC	35	3957	9	1088
105000	Laser, light or photon beam for other materials	74	1872	8	612
201010	Ultrasonic processes for working metal, NC	0	0	0	0
201050	Ultrasonic processes for working metal, non-NC	1	4	0	0
205000	Ultrasonic processes for working other materials	33	91	4	29
8477103000	Injection molding mach., for manufacturing shoes	58	1031	14	23
106010	Injection molding mach., for rubber or oth. thermosetting	324	33215	43	3213
106050	Injection molding mach., for thermoplastics	1394	127495	352	31548
200005	Extruders; rubber or other thermosetting mat., single screw	15	1892	1	744
200015	Extruders; rubber or thermosetting, other incl. multi. screw	14	924	5	144
200035	Extruders; thermoplastics, single screw, less than 6.4cm	24	547	10	234
200045	Extruders; thermoplastics, single screw, 6.4cm or greater	26	10485	8	2469
200055	Extruders; thermoplastics, mutli. screw, less than 6.4cm	41	2408	5	250
200065	Extruders; thermoplastics, multi. screw, 6.4cm or larger	27	7497	6	1000
300000	Blow molding machines	133	27059	20	4458
400000	Vacuum-molding and other thermoforming machines	147	6111	34	3588
510010	Machines for molding or retreading pneumatic tires	351	7847	12	1778
510090	Machines for molding or otherwise forming inner tubes	17	1121	6	752
590000	Machines for molding or otherwise forming n.e.c.	369	16038	27	1486
800000	Machines for working rubber or plastics n.e.c.	1875	48104	424	10265
8479899040	Industrial robots, n.e.c.	810	31384	214	8868
908040	Industrial robot parts	0	13439	0	2427
8537100030	Numerical controls for controlling machine tools	3394	12118	432	2042
9024100000	Machines and appliances for testing metals	0	6383	0	3246
9031100000	Machines for balancing mechanical parts	0	2319	0	861
300000	Profile projectors	0	1506	0	339
9032810020	Industrial process control instr., hydraulic	53745	897	13100	227
810060	Industrial process control instr., pneumatic	52658	1087	22335	335

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - not elsewhere classified.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
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Metal Forming

	Belgium		Brazil		Canada		France		Germany **	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	3	218	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	1	38	0	0	1	5	1	72	19	241
210080	0	0	0	0	5	95	0	0	3	200
290030	1	27	0	0	10	506	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	32	438	0	0	11	426
310080	0	0	0	0	0	0	0	0	0	0
390050	6	139	0	0	3	80	0	0	6	60
410080	0	0	0	0	0	0	0	0	17	3420
490050	0	0	0	0	0	0	0	0	14	416
910060	0	0	0	0	0	0	0	0	1	218
910090	0	0	0	0	6	591	0	0	1	2
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	0	0	2	16	0	0	0	0
990060	0	0	0	0	12	659	8	57	2	171
8463100080	6	114	0	0	0	0	0	0	6	525
200080	0	0	0	0	0	0	0	0	5	378
300080	0	0	0	0	1	22	1	289	0	0
900080	0	0	0	0	3	65	15	67	2	313
9800000002	0	0	0	0	28	978	1	16	6	95
9900000002	0	0	0	0	26	36	6	16	5	5
Month Tot	14	318	0	0	132	3710	32	518	98	6470
Y-T-D Tot	54	3724	7	9	786	20071	170	3290	684	36070
NC YTD Tot	3	335	0	0	46	2144	3	152	86	10565
C&F Month	14	318	28	320	487	7671	145	1241	753	35156
C&F Y-T-D	69	3918	158	2927	1794	32104	677	7123	3223	156747
C&F NC YTD	3	335	22	1399	73	7298	10	1862	294	76400

Other Manufacturing Technology

1000000000	0	289	0	271	0	7559	0	418	0	6659
2000000000	0	9	0	0	0	8014	0	509	0	6258
2710003070	0	0	0	0	0	5	0	0	0	0
8428900010	0	0	0	0	3	62	0	0	1	88
8431390080	0	14	0	1	0	1737	0	42	0	815
8456101010	0	0	0	0	0	0	0	0	9	499
101020	0	0	0	0	0	0	0	0	9	1088
105000	0	0	0	0	1	101	0	0	2	69
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	0	0	0	0	0	0	0	0	0	0
106010	0	0	0	0	6	757	3	294	6	260
106050	0	0	0	0	33	5210	1	177	88	7265
200005	0	0	0	0	0	0	0	0	1	744
200015	0	0	0	0	4	107	0	0	0	0
200035	0	0	0	0	0	0	0	0	1	44
200045	0	0	0	0	0	0	0	0	8	2469
200055	0	0	0	0	0	0	0	0	5	250
200065	0	0	0	0	0	0	0	0	1	285
300000	0	0	0	0	1	32	9	3294	2	578
400000	0	0	0	0	1	37	0	0	25	3537
510010	0	0	0	0	8	1253	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	1	122	5	285	0	0	5	648
800000	3	43	0	0	37	1180	10	223	32	2604
8479899040	0	0	0	0	4	66	0	0	13	1659
908040	0	0	0	0	0	36	0	2	0	1192
8537100030	0	0	0	0	0	0	0	0	2	33
9024100000	0	0	0	0	0	20	0	84	0	459
9031100000	0	0	0	0	0	71	0	0	0	158
300000	0	0	0	0	0	0	0	0	0	40
9032810020	0	0	1000	7	0	0	4	3	100	56
810060	0	0	7500	29	0	0	400	78	69	13

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
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Metal Forming

	Italy		Japan		Korea		Singapore		Spain	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	2	129	0	0	0	0	0	0	0	0
8462100030	1	82	4	272	0	0	0	0	0	0
100050	4	9	23	3152	0	0	0	0	0	0
210080	0	0	19	762	0	0	0	0	0	0
290030	1	11	2	66	0	0	0	0	0	0
290040	5	62	0	0	0	0	0	0	0	0
290050	4	17	14	389	0	0	0	0	4	38
310080	1	57	0	0	0	0	0	0	0	0
390050	0	0	5	284	1	1003	0	0	0	0
410080	2	200	12	2012	0	0	0	0	0	0
490050	1	13	4	1064	0	0	0	0	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	22	11	1	126	0	0	0	0	0	0
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	1	3488	0	0	0	0	0	0
990045	0	0	2	462	0	0	0	0	0	0
990060	0	0	9	231	1	11	0	0	0	0
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	1	140	0	0	0	0	1	28
300080	5	581	1	50	0	0	0	0	1	19
900080	5	322	7	154	0	0	0	0	0	0
9800000002	5	36	42	968	2	26	0	0	0	0
9900000002	37	28	144	65	0	0	0	0	25	7
Month Tot	95	1559	291	13686	4	1040	0	0	31	92
Y-T-D Tot	445	5938	1842	97657	47	1530	1	12	210	1229
NC YTD Tot	37	1681	168	16365	0	0	0	0	0	0
C&F Month	2339	4165	5182	64125	2232	1976	127	1115	114	882
C&F Y-T-D	12618	18083	40160	393245	8307	10346	501	7601	760	9213
C&F NC YTD	61	6756	2166	256716	60	3723	74	4076	5	1531

Other Manufacturing Technology

1000000000	0	2287	0	9269	0	269	0	80	0	139
2000000000	0	862	0	4424	0	98	0	5	0	50
2710003070	0	0	0	23	0	0	0	0	0	0
8428900010	3	479	69	8974	0	0	0	0	0	0
8431390080	0	18	0	1324	0	0	0	0	0	4
8456101010	0	0	5	1077	0	0	0	0	0	0
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	3	2	0	0	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	4	29	0	0	0	0	0	0
8477103000	0	0	0	0	6	21	0	0	0	0
106010	0	0	1	629	0	0	0	0	0	0
106050	15	3437	159	13613	1	54	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	0	0
200045	0	0	0	0	0	0	0	0	0	0
200055	0	0	0	0	0	0	0	0	0	0
200065	0	0	3	635	0	0	0	0	0	0
300000	1	333	0	0	0	0	0	0	0	0
400000	0	0	6	8	0	0	0	0	0	0
510010	2	332	1	109	0	0	0	0	0	0
510090	0	0	6	752	0	0	0	0	0	0
590000	0	0	2	52	5	4	0	0	0	0
800000	5	1223	248	3671	1	13	0	0	0	0
8479899040	4	225	125	6535	0	0	0	0	0	0
908040	0	28	0	810	0	0	0	11	0	0
8537100030	6	47	396	1887	0	0	0	0	0	0
9024100000	0	0	0	2005	0	0	0	0	0	0
9031100000	0	0	0	240	0	0	0	0	0	0
300000	0	0	0	30	0	0	0	0	0	0
9032810020	2	5	0	0	0	0	0	0	0	0
810060	400	50	1321	14	0	0	0	0	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
May 92

Metal Forming

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	2	44	0	0	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	1	18	0	0	7	12459
210080	0	0	0	0	0	0	3	555	3	45
290030	0	0	0	0	3	13	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	15	455	0	0	8	82	3	692	3	49
310080	1	402	1	213	0	0	1	103	0	0
390050	0	0	0	0	0	0	2	12	2	26
410080	0	0	2	642	0	0	0	0	0	0
490050	0	0	0	0	1	5	3	27	0	0
910060	1	313	0	0	0	0	1	154	0	0
910090	2	577	0	0	110	8	0	0	1	2
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	0	0	0	0	1	472	7	210
990060	6	397	0	0	6	35	1	1213	5	79
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	11	178	0	0	11	80	0	0
900080	1	165	22	889	0	0	3	13	1	7
9800000002	3	19	3	197	2	4	3	121	4	26
9900000002	40	6	58	51	848	246	145	30	183	51
Month Tot	69	2334	99	2214	979	411	177	3471	216	12954
Y-T-D Tot	214	5039	420	9675	3308	3199	711	7776	2319	20009
NC YTD Tot	3	739	6	1552	2	32	12	2525	19	2353
C&F Month	298	3073	366	8920	54472	6908	401	9842	14543	16793
C&F Y-T-D	736	8271	1017	43183	274265	39598	1936	36682	78375	45563
C&F NC YTD	7	1318	131	17585	230	8074	205	17200	304	13317

Other Manufacturing Technology

1000000000	0	933	0	2659	0	2300	0	2838	0	3237
2000000000	0	147	0	567	0	294	0	979	0	1281
2710003070	0	0	0	0	0	0	0	0	0	0
8428900010	8	403	16	8	0	0	0	0	0	0
8431390080	0	77	0	306	0	95	0	339	0	1518
8456101010	0	0	0	0	0	0	0	0	1	139
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	0	0	0	0	0	0	2	441
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	0	0	0	0	0	0	0	0	8	2
106010	0	0	6	602	8	315	0	0	13	357
106050	0	0	4	648	30	278	4	121	17	745
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	1	37	0	0
200035	0	0	0	0	5	90	1	43	3	57
200045	0	0	0	0	0	0	0	0	0	0
200055	0	0	0	0	0	0	0	0	0	0
200065	0	0	0	0	2	80	0	0	0	0
300000	0	0	2	56	3	80	2	85	0	0
400000	0	0	0	0	0	0	2	6	0	0
510010	0	0	0	0	0	0	0	0	1	84
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	0	0	5	248	4	127
800000	0	0	5	418	34	261	38	403	11	227
8479899040	7	49	0	0	2	25	0	0	59	308
908040	0	96	0	4	0	15	0	20	0	214
8537100030	0	0	0	0	20	20	2	47	6	8
9024100000	0	4	0	338	0	0	0	287	0	50
9031100000	0	0	0	0	0	0	0	54	0	339
300000	0	0	0	23	0	0	0	246	0	0
9032810020	0	0	0	0	0	0	1550	7	10444	149
810060	0	0	0	0	2486	8	888	15	9271	128

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
May 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
Austria	179	79	4	12199	183	12278
Bulgaria	0	0	0	0	0	0
Czechoslovakia	5	58	1	10	6	68
Denmark	45	198	3	4	48	202
Finland	1	69	6	3	7	72
Hungary	0	0	0	0	0	0
Ireland	0	0	0	0	0	0
Luxembourg	0	0	0	0	0	0
Netherlands	8	53	1	7	9	60
Norway	0	0	0	0	0	0
Poland	15	486	0	0	15	486
Portugal	0	0	6	79	6	79
Romania	0	0	0	0	0	0
USSR	1	2	0	0	1	2
Yugoslavia	2	32	0	0	2	32
Oth Europe	2	50	0	0	2	50
TOTAL	4073	47647	636	29278	4709	76925
NORTH AND CENTRAL AMERICA						
Barbados	0	0	0	0	0	0
Dominican Rep	1	18	0	0	1	18
Mexico	14	36	9	237	23	273
Oth N & C Am.	1	207	0	0	1	207
TOTAL	371	4223	141	3947	512	8169
SOUTH AMERICA						
Argentina	0	0	0	0	0	0
Chile	0	0	0	0	0	0
Colombia	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0
Peru	1	2	0	0	1	2
Uruguay	0	0	0	0	0	0
Venezuela	1	5	0	0	1	5
Oth South Am.	1	6	0	0	1	6
TOTAL	31	332	0	0	31	332
OCEANIA						
Australia	15	274	0	0	15	274
New Zealand	0	0	0	0	0	0
Oth Oceania	0	0	0	0	0	0
TOTAL	15	274	0	0	15	274

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
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	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ASIA						
China	14005	1881	177	97	14182	1979
Hong Kong	5	4	1	258	6	262
India	5	7	0	0	5	7
Indonesia	0	0	0	0	0	0
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	2	233	8	58	10	291
Malaysia	10	5	0	0	10	5
Pakistan	0	0	0	0	0	0
Philippines	0	0	0	0	0	0
Thailand	3	133	0	0	3	133
Oth Asia	0	0	0	0	0	0
TOTAL	74769	61249	1460	15551	76229	76800
AFRICA						
Ghana	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Niger	0	0	0	0	0	0
South Africa	4	1	0	0	4	1
Swaziland	0	0	0	0	0	0
Oth Africa	1	2	0	0	1	2
TOTAL	5	4	0	0	5	4

Note: Region totals include top countries detailed by product as well as countries listed above.
** West and East Germany are combined.
Cutting Section Notes:
Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.